

Title (en)  
LOW-CONSTRUCTION TROLLEY FOR WIRE ROPE HOIST

Title (de)  
WAGEN MIT NIEDRIGER BAUWEISE FÜR DRAHTSEILHEBEZUG

Title (fr)  
CHARIOT À FAIBLE PROFIL POUR TREUIL À CÂBLE MÉTALLIQUE

Publication  
**EP 3097043 A1 20161130 (EN)**

Application  
**EP 15740848 A 20150123**

Priority  
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Abstract (en)  
[origin: WO2015110706A1] The invention relates to a low-construction hoist (1) for a wire rope hoist, arranged to move along a lower flange (3) of a horizontal beam or rail (2), whereby the trolley (1) comprises a trolley frame (4); bearing wheels (5), which are fixed to the trolley body and arranged to move on the upper surface of the lower flange (3) of the rail, a hoisting mechanism (1) comprising a rope drum (7) for a hoisting rope (8), a hoisting member (9) in cooperation with the hoisting rope for hoisting a load, and a hoisting motor (10) for driving the rope drum; whereby the rope drum is supported to a first side of the trolley frame so that the axle of the rope drum is parallel to the rail, and the hoisting member is arranged to move under the rail; whereby the hoisting rope (8) is led from the rope drum (7) to a fixing point (X; Z) in the trolley frame (4) through at least a rope pulley arrangement (12, 14) of the hoisting member (9), whereby the fixing point (X) of the hoisting rope (8) to the trolley frame (4) is located in the longitudinal direction of the trolley (1) outside the end of the rope drum (7), or outside the vertical plane which is transverse in relation to the rail or beam (2) and passing through the end of the rope drum.

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